

FORM PTO-1449 (REV. 7.80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: H0006268-0769		SERIAL NO.: Not Yet Assigned	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: James Liu			
				FILING DATE: Not Yet Assigned		GROUP ART UNIT: Not Yet Assigned	
U. S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
		US 2003/0196477 A1	10/23/2003	Auner et al.	73	24.06	04/17/2002
		US 2003/0076743 A1	04/24/2003	Thompson et al.	367	140	09/20/2002
		US 2002/0113521 A1	08/22/2002	Rapp et al.	310	313R	04/01/2002
		US 6,640,613 B2	11/04/2003	Rapp et al.	73	24.01	04/01/2002
		US 6,568,271 B2	05/27/2003	Shah et al.	73	599	05/08/2001
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		US 6,293,136 B1	09/25/2001	Kim	73	19.03	08/26/1999
		5,821,425	10/13/1998	Mariani et al.	73	703	09/30/1996
		5,155,708	10/13/1992	Bedl et al.	367	152	02/26/1991
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
 	Johannes Nieß, et al., "A miniaturized thermal desorption unit for chemical sensing below odor threshold", Sensor and Actuators, B 95 (2003), pp. 1-5 John R. Vig, "Dual-mode Oscillators for Clocks and Sensors", 1999 IEEE Ultrasonics Symposium, pp. 859-868 James Z. Liu, "Construction Optimization for Acoustic Wave Chemical Sensor Selectivity", (all pages), Sensor Expo Detroit, Sept. 2000						
EXAMINER: 				DATE CONSIDERED 06/18/07			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/815,336
Filing Date	April 1, 2004
First Named Inventor	James Z. Liu
Art Unit	1743
Examiner Name	
Attorney Docket Number	H0006268-0769

Sheet 1

of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,044,332	03-28-2000	Korsah et al.	
		US- 6,304,021 B1	10-16-2001	Wolf et al.	
		US- 2001/0055529 A1	12-27-2001	Wixforth	
		US- 6,589,727 B1	08-08-2003	Klensnerman et al.	
		US- 2003/0196477 A1	10-23-2003	Auner et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 01/31328 A1	05-03-2001	Schlumberger Holdings		
		WO 03/056324 A2	07-10-2003	Advalytix AG		

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/815,336
		Filing Date	April 1, 2004
		First Named Inventor	James Z. Liu
		Art Unit	1743
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	H0006268-0769

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MT		FILLER R.L. ET AL. "Resonators for the microcomputer compensated crystal oscillator", 43rd Annual Symposium on Frequency Control, May 31, 1989, pg. 8-15	
↓		VIG J.R., "Chemical sensor based on quartz microresonators", Journal of Microelectromechanical Systems, vol. 5, no. 2, June 2, 1996, pg. 138-140	
↓		VIG J.R. "Temperature-insensitive dual-mode resonant sensors - A review", IEEE Sensors Journal, vol. 1, no 1., June 1, 2001, pg. 62-68	

Examiner Signature		Date Considered	06/18/07
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